

PEROXIDE DECOMPOSER

Patent number: JP3273082
Publication date: 1991-12-04
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Classification:
- international: C09K3/00; C07D487/22; C09K15/30
- european:
Application number: JP19900070689 19900320
Priority number(s):

Abstract of JP3273082

PURPOSE: To provide a peroxide decomposer which has peroxide decomposition power and hence can be advantageously contained in food, feed or pharmaceuticals to remove or prevent the formation of peroxides such as lipid peroxide by employing metal porphyrin as an active ingredient.

CONSTITUTION: A peroxide decomposer is prepared using metal porphyrin as an active ingredient. Examples of suitable metal porphyrin include metal protoporphyrin, metal chlorophyllin, metal tetrakis (sulfophenyl)porphine and metal tetrakis(carboxyphenyl) porphine. As a metal atom to be coordinated, iron, manganese, copper, cobalt and zinc are suitable. This decomposer acts on peroxides such as lipid peroxide, which are injurious to the human body, and decompose them quickly.

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